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UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
WASHINGTON, D. C.
H. H. BENNETT, CHIEF

PRECIPITATION IN THE
MUSKINGUM RIVER BASIN
NOVEMBER, 1938

By

Division of Research, Soil Conservation Service
Section of Climatic & Physiographic Research

and

Muskingum Watershed Conservancy District

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U. S. Department of Agriculture
Washington, D. C.

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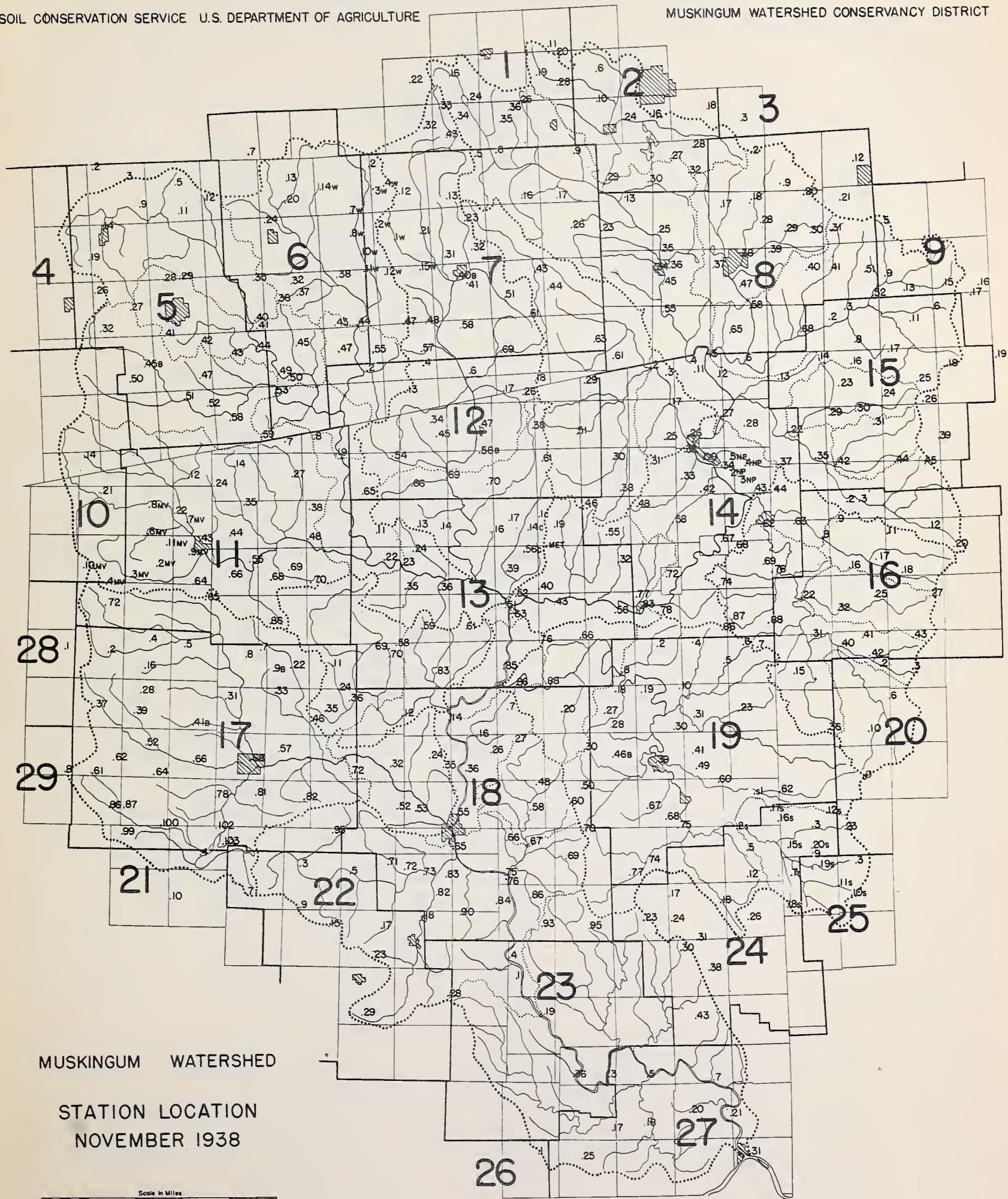


MUSKINGUM RIVER WATERSHED OHIO
MUSKINGUM CLIMATIC RESEARCH CENTER

SOIL CONSERVATION SERVICE U.S. DEPARTMENT OF AGRICULTURE

MUSKINGUM WATERSHED CONSERVANCY DISTRICT

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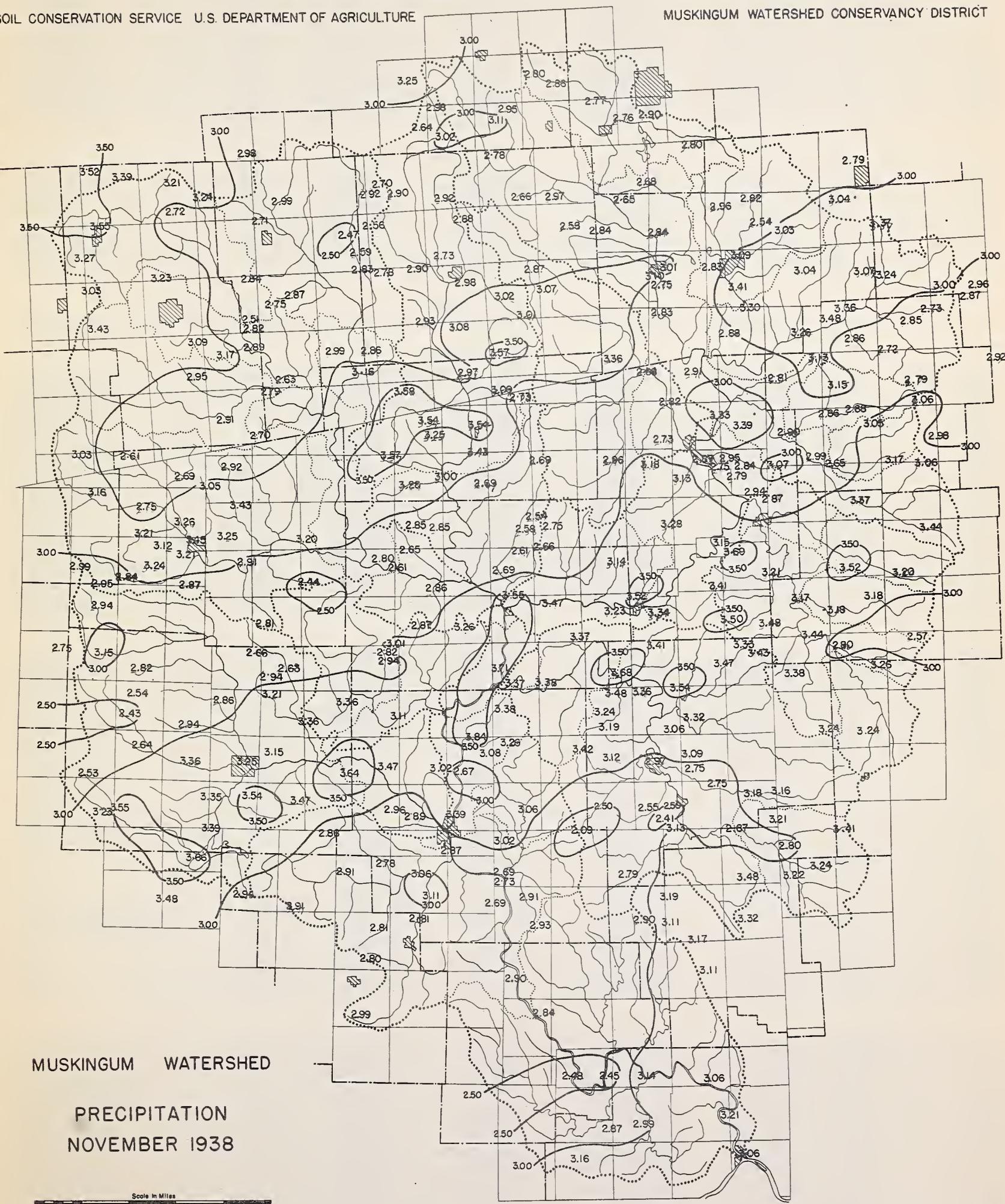


MUSKINGUM RIVER WATERSHED OHIO
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SOIL CONSERVATION SERVICE U.S. DEPARTMENT OF AGRICULTURE

MUSKINGUM WATERSHED CONSERVANCY DISTRICT

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MONTHLY SUMMARY OF PRECIPITATION FOR NOVEMBER, 1938 BY DAYS ENDING AT 8:00 a.m.

DATE

11 12 13 14
MEDINA COUNTY NO. 1

SUMMIT COUNTY NO. 2

6 Boehme, Richard		NR	.05	NR		.22	NR		.50	.57	.02		NR	NR	NR	NR	
10 Stump, Robert W.		.32	.06	.25		.21	.19		.53	.89	.01		.12	.09	.04	.06	2.77
16 Ley, Theodore		.32	.04	.26		.16	.18		.67	.68	.02		.10	.20	.22	.05	2.90
18 Green, John		.31	.03	.24		.28	.13		.65	.62	.04		.05	.05	.08	NR	
24 Clause, Leo		.34	.06	.25		.21	.14		.66	.73	.02		.09	.12	.08	.06	2.76
27 Haring, William		NR	.06	.19		.23	.11		.64	.67	.03		.09	.13	.18	.06	
28 Beegle, Merton A.		.35	.04	.25		.25	.13		.64	.70	.04		.06	.13	.14	.07	2.80
29 Hawk, Fred A.		.32	.06	.05	.20	.25	.15		.78	.55	.02		NR	NR	NR	.03	
30 Kreitz, Alfred F.		.36	.03	.04	.29	.19	.12		.67	.65	.02		.06	.14	.08	.03	2.68
32 Fosnight, L. S.		.40	.04	.24		NR	.13		.65	.72	.04		.06	.16	.15	.06	

PORTAGE COUNTY NO. 3

3 Rufener, Carl .34 .03 .20 .23 NR .83 .65 .06 .03 .10 .07 .06 . . .

RICHLAND COUNTY NO. 5

2 Post, Fred E.		.14	.27	.15		.18	.35	.98	1.06		.23	.06	.09	.01		3.52
3 Backenst, Ira E.		.14	.14	.17		.25	.30	.98	1.06		.18	.09	.07	.01		3.39
5 Amstutz, Edwin		.17	.20	.06		.26	.18	.76	1.19		.16	.14	.06	.03		3.21
9 Qundrum, Perry	NR	NR	NR	.14		.27	.25	NR	NR		.11	.08	NR	NR		
11 Winters, M. L.	.10	.02	.09	.11		.15	.19	.60	1.12		.12	.15	.04	.03		2.72
12 McWllan, Wade	.16	.07	.15	.11		.19	.20	.58	1.49		.12	.09	.05	.03		3.24
14 Dewey, Arthur L.	.13	.05	.26	.18		.23	.41	.65	1.20		.19	.12	.04	.04		3.55
19 Spiees, Mrs. Laura M.	.12	.06	.22	.15		.37	.29	.87	.88		.17	.05	.06	.03		3.27
26 Walker, Robert	.10	.01	.16	.14		.21	.27	.68	1.12		.17	.09	.06	.02		3.03
27 Paul Gages Airport	.16	.03	.13	.15		NR	.15	.73	1.16		.15	.14	NR	NR		
28 Wagner, Mrs. Fred	.20	.04	.13	.09		.25	.28	.67	1.22		.19	.11	.02	.03		3.23
29 Harrington, J. W.	.20	.03	.12	.09	.06	.25	.27	.65	1.23		.16	.05	NR	.03		
32 Shanaberger, J. E.	.15	.04	.18	.21		.22	.35	.74	1.15		.18	.12	.05	.04		3.43
41 Finney, Ross	.19		.11	.08	.03	.21	.20	.91	1.15		.14	.05	NR	.05		
42 Smith, M. E.	.27		.21	.19	.01	.16	.16	.95	.85		.13	.04	.02	.10		3.09
43 McClurg, Homer L.	.28		.15	.18	.03	.17	.14	.82	1.04		.11	.14	.04	.07		3.17
44 Fox, H. J.	.25		.11	.11	.01	.17	.11	.76	1.05		.11	.12	.04	.05		2.89
45b Markley, Charles	.18		.20	.16		.18	.20	.23	.99		.18	.05	.03	NR		
47 Long, Walter	.27		.15	.16	.02	.16	.10	.82	.90		.15	.13	.05	.04		2.95
50 Barr, Dr. Francis	NR		.14	.14		.19	.19	NR	.96	NR	.15	.05	NR	NR		
52 Thomas, J. E. Jr.	.27		.11	.20		.10	.19	.86	.75		.09	.11	NR	.03		
58 Oswalt, Ray	.29		.10	.27		.13	.12	.93	.82	.02	.07	.12	.02	.02		2.91
59 Hollar, Wayne B.	.24		.15	.22		.09	.11	.99	.67	.01	.06	.10	.03	.03		2.70

ASHLAND COUNTY NO. 6

7	Landie, Robert W.	.14	.16	.07	.08	.25	.09	.56	1.31	.14	.12	.03	.03	2.98
13	Schad, Jacob	.20	.13	.16	.03	.23	.15	.50	1.15	NR	NR	NR	NR	2.99
20	Roland, Ed	.18	.14	.17	.01	.27	.15	.64	1.11		.12	.13	.04	.03
24	Shuey, Walter	.13	.11	.17	.01	.20	.16	.70	1.04		.08	.06	.03	2.71
32	Gard, E. E.	.19	.08	.15	.05	.08	.18	.68	.83		.06	.05	NR	NR
35	Seiss, Howard C.	.19	.10	.09	.09	.11	.14	.78	.98		.13	.13	.05	.05
36	Beck, Louis D.	.24	.10	.15		.14	.10	.74	.99		.10	.12	.02	.05
37	Bishop, William J.	.25	.12	.22		.15	.15	.75	.95		.11	.10	.05	.02
38	Batdorf, H. R.	.22	.11	.20	.02	.10	.15	NR	NR	NR	NR	NR	NR	NR
40	Secret, Ellsworth	.19	.08	.23		.08	.07	.84	.83		.05	.09	.03	.03
41	Hazen, Ralph	.21	.08	.24		.11	.12	.70	1.01		.12	.14	.04	.05
43	Paullin, William R.	.36	.15	.23		.12	NR	.86	.97		.11	.16	.04	.04
44	McKinley, Arthur	.31	.10	.19		.11	.13	.76	.74		NR	.16	NR	.04
45	Garbeth, Ray F.	.26	.10	.21		NR	.21	.84	1.00		.08	.15	.03	.03
47	Smetzer, Lloyd	.33	.17	.17		.15	.11	.72	.94		.15	.16	.06	.03
49	Easterday, Mrs. Mary	.29	.13	.24		.09	.15	NR	NR		.08	.13	.04	.04
50	Bowman, Mrs. Edith	.29	.07	.22		.07	.13	.71	.86		.09	.12	.03	.04
53	McBride, L. A.	.26	.10	.26		.12	.13	.78	.88		.07	.09	.06	.04
W 1		.26	.13	.07		.06	.10	.65	.85	.01	NR	NR	.02	.02
W 2		.28	.16	.09		.10	.13	.61	1.01	.01	.08	.05	.02	.02
W 3		.27	.13	.16		.18	.15	.77	1.05		.09	.07	.03	.02
W 4		.25	.14	.12		.14	.17	.59	1.02	.01	.13	.08	.03	.02
W 5		.23	.12	.16	.02	.31	.15	.70	1.07	.01	.12	.08	.02	.02
W 6		.19	.09	.11	.02	.18	.11	.75	.99	.01	.10	.06	.01	.02
W 7	Muddy Fork Project Area— Soil Conservation Service	.14	.10	.10	.01	NR	NR	NR	NR	NR	NR	NR	NR	.01
W 8		.28	.14	.17		.10	.09	.69	.83	.01	.07	.07	.01	.01
W 9		.29	.13	.12	NR	.10	.14	.69	.98	.02	.06	.09	.02	.02
W 10		.28	.15	.20		.12	.12	.66	.88		.06	.08	.02	.02
W 11		.28	.15	.19	.02	.14	.15	.69	.93	.01	.09	.14	.02	.02
W 12		.33	.16	.13	.03	.17	.08	.75	.86	.01	.09	.12	.02	.03
W 13		.47	.31	.35		.19	.25	.95	1.72	.01	.08	.05	.01	.02
W 14		.21	.15	.13	.02	.20	.17	.68	1.16	NR	.12	.07	.04	.02
W 15		.38	.17	.19	.02	.19	.09	.72	.84	.01	.12	.11	.03	.03

WAYNE COUNTY NO. 7

2 Leiby, Lorenzo E.	.24	.13	.15	.27	.17	.59	1.18	.01	.15	.20	.06	NR		
5 Doubleday, James	.32	.03	.16	.21	.11	.17	.69	.99	.01	.09	NR	NR	.02	
6 Viall, Charles A.	.31	.02	.15	.21	.13	.14	.64	.90	.01	.08	.13	.02	.04	
9 Crummel, Mrs. Lulu M.	NR	NR	.09	.12	.18	.15	.59	.71	.01	.09	.12	.07	.05	
12 Reeves, Mrs. Wanda	.31	.15	.18	.11	.18	.62	1.00	.01	.09	.15	.04	.04		
13 Croft, L. A.	.32	.17	.19	.07	.14	.66	.99	.02	.09	.20	.06	.01		
16 Callahan, Miss Alberta	.30	.08	.16	.24	.18	.63	.71	.01	.10	.11	.07	.05	2.90	
17 Alden, Harry C.	.33	.02	.25	.34	.18	.73	.78	.01	.12	.10	.06	.05	2.92	
21 Harmon, Glenn B.	.20	.11	NR	.06	.10	.57	.59	.01	NR	NR	NR	NR	2.66	
23 McClintock, Carl O.	.39	.15	.17	.17	.12	.68	.82	.02	.09	.12	.11	.04	2.88	
26 Rehm, A. O.	.32	.02	.02	.20	.18	.69	.68	.01	.06	.16	.11	.02	2.58	
31 Combe, Mrs. Nina	.32	.11	.26	.16	.13	.73	.74	.01	.08	.11	.05	.03	2.73	
32 Black, George	.42	.16	.21	.27	.12	NR	NR	NR	.10	.07	.05	.06		
40b Keim, Mrs. Myrtle	.41	.14	.22	.20	.12	NR	NR	NR	.11	.10	NR	NR		
41 McClure, J. T.	.40	.14	.19	.23	.13	.84	.74	.01	.09	.10	.07	.04	2.98	
43 Houghton, D. D.	.41	.02	.07	.23	.20	.11	.80	.73	.02	.04	.14	.05	.05	2.87
44 Gerber, Menno	.44	.07	.06	.24	.25	.18	.83	.74	.03	.04	.09	.05	.05	3.07

MUSKINGUM WATERSHED

MONTHLY SUMMARY OF PRECIPITATION FOR NOVEMBER, 1938 BY DAYS ENDING AT 8:00 a.m.

DATE

WAYNE COUNTY NO. 7

STARK COUNTY NO. 8

2 McKinney, Willie L.		.32		.05	.25			.19	.17			.62	.73	.08		NR	NR	NR	NR		
9 Kyle, Wendell H.		.31		NR	NR			.20	.20			1.02	.57	.03		.07	.05	.02			
12 Hess, A. E.		.41		.02	.17			.21	.16			.86	.62	.01		.09	.22	.02		2.79	
13 Semesberger, Chas.		.36	.06	.03	.24			.18	.14			.59	.59	.07		.04	.14	.08	.03	2.65	
17 Barton, William		.38		.04	.22			.23	.18			.98	.66	.02		.10	.11	.04		2.96	
18 Reiss, Samuel		.35		.03	.22			.23	.09			1.05	.60	.03		.08	.09	.05		2.82	
20 Paxon, Mae E.		.39		.03	.19			.20	.20			NR	NR	NR		.08	.22	.04			
21 LaMotte, Mrs. Mary C.		.39		.03	.19			.19	.18			.92	.69	.04		.11	.28	.02		3.04	
23 Mosgrove, Mies Irene		.34	.06	.03	.26			.17	.16			.69	.74	.03		.04	.20	.09	.03	2.84	
25 Brand, Joseph H.		.38	.02	.03	.22			.23	.19			.73	.69	.03		.02	.13	.13	.04	2.84	
28 Renkert, Harry J.		.39		.02	.20			.15	.10			.80	.62	.02		.08	.13	.03		2.54	
29 Schaub, Arna E.		.42		.02	.25			.18	.13			1.00	.68	.02		.09	.21	.03		3.03	
30 Shepherd, G. C.	*	.44		.01	.22			.18	.18			1.07	.64	.02		NR	NR	.07	NR		
31 Krabill, Lon		.49		.03	.27			.24	.20			NR	NR	.01		.04	.11	.06			
34 Snyder, Homer R.		.40	.01	.01	.28			.21	.15			.93	.71	.02		.02	.13	.18	.05	3.10	
35 Buecker, Peter		.37		NR	NR	.23		.20	.14			.99	.68	.03		.02	.11	.12	.04		
36 Young, Thomas		.40	.02	.02	.22			.18	.17			1.02	.65	.01		.03	.11	.13	.05	3.01	
37 Dreher, Marie		.42		.02	.31			.18	.12			.79	.66	.02		.11	.16	.04		2.83	
38 Knouff, Charles		.42		.02	.24			.17	.14			.93	.79	.02		.11	.22	.03		3.09	
39 Garen, Ira M.		.47		.02	.29			NR	NR			1.00	.76	.02		.07	.15	.03			
40 DeWalt, S. J.		.42		.01	.13			.21	.16			.92	.77	.04		.11	.23	.04		3.04	
41 Sheatsley, V. W.		.52		.02	.28			.21	.13			.81	.71	.04		NR	.23	.04			
45 Massillon Sewage Works		.37	.01	.01	.23			.18	.11			.01	.99	.60	.02	.02	.08	.08	.04		2.75
47 Hoppe, Dora R.		.42		.02	.22			.22	.17			1.11	.85	.04		.11	.23	.02		3.41	
51 Hager, Catherine M.		.49		.02	.20			.05	.20			.88	.82	.07		.07	.24	.03		3.07	
52 Leyda, Lillie M.		.54		.02	.32			.04	.17			NR	NR	NR		NR	NR	NR			
55 Winkhart, George		.39	.06	.02	.24			.15	.14			.82	.74	.02		.07	.16	.01		2.83	
58 Gauze, Harold		.49		.02	.23			.19	.12			.96	.84	.06		.11	.25	.03		3.30	
61 Stevens, Edward		.45	.05	.06	.22			.14	.15			.95	.92	.03		.02	.13	.20	.03	.01	3.36
65 Harmon, John D.		.42		.01	.18			.14	.12			.95	.72	.04		.10	.17	.03		2.88	
68 Williams, Bessie		.45		.01	.24			.04	.12			.97	.1.01	.04		.10	.25	.03		3.26	

COLUMBIANA COUNTY NO. 9

5 Bush, Andrew J.		.48		.04	.20		.25	.21		.83	.77	.09		.13	.33	.04		3.37
9 Swinehart, Ira		.54		.02	.28		.05	.18		.90	.90	.07		.07	.19	.04		3.24
13 McGrew, Alvin H.		.46		.02	.21		.03	.09		NR	NR	NR		NR	NR	NR		
15 Bolen, Joseph		.50		.02	.26		.02	.07		.67	.92	.07		.09	.33	.05		3.00
16 Wilhelm, William M.		.57		.02	.28		.03	.10		.61	.92	.05		.08	.25	.05		2.96
17 Copeland, L. H.		.55		.02	.25		.02	.13		.59	.85	.05		.06	.30	.05		2.87
19 Morrow, Martin		.66		.01	.28		.01	.13		.65	.68	.07		.05	.35	.03		2.92

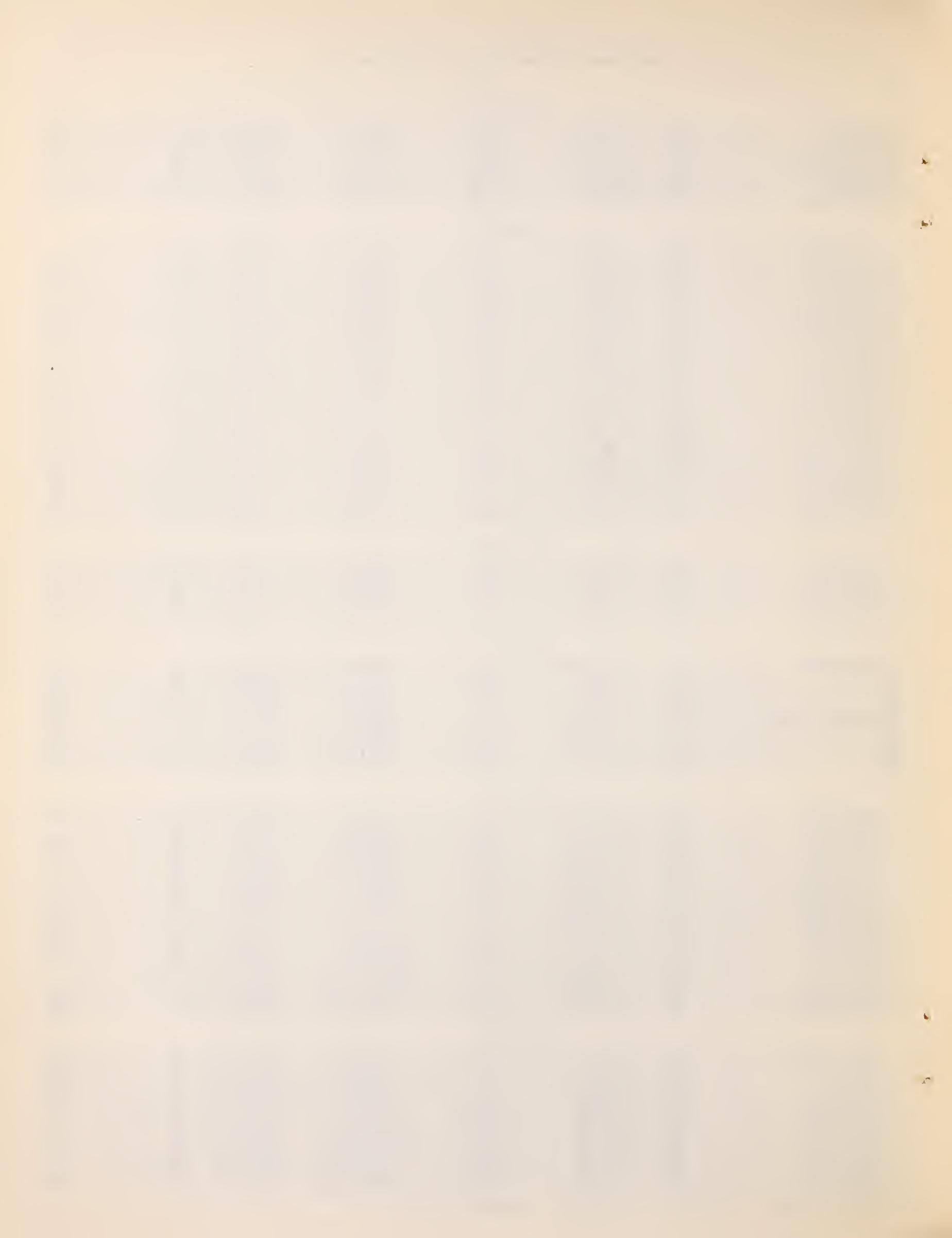
MORROW COUNTY NO. 10

14	Orsborn, Charles A.	.22		.19	.06	.06		.13	.22			.96	.88	.01		.14	.07	.02		.07		3.03
21	Bowen, John W.	.23		.17	.10	.06		.09	.24			1.02	.90	.01		.15	.13	.01		.05		3.15
Mt1		.25		.13	.20			.12	.12			1.12	.85	.01		.02	.05	.03		.02		2.92
Mt2		.28		.14	.13			.11	.13			1.41	.84	.02		.05	.08	.03		.02		3.24
Mt3		.23		.15	.10	.03		.08	.17			1.35	.61	.01		.03	.04	.01		.03		2.84
Mt4		.20		.19	.09			.12	.19			1.30	.69	.01		.04	.04	.04		.04		2.95
Mt5	Grammy & Dry Creek Area—	.24		.16	.11			.14	.14			1.28	.85	.01		.07	.04	.01		.05		3.10
Mt6	Soil Conservation Service	.23		.13	.14	.03		.15	.16			1.36	.80	.01		.08	.07	.02		.03		3.21
Mt7		.26		.12	.22	.04		.15	.14			1.30	.80	.01		.07	.09	.04		.02		3.26
Mt8		.21		.13	.17	.05		.12	.14			.98	.75	.01		.06	.08	.03		.02		2.75
Mt9		.25		.12	.21			.12	.09			1.39	.85	.01		.03	.07	.05		.02		3.21
Mt10		.23		.18	.09			.13	.14			1.13	.80	.01		.10	.09	.05		.04		2.99
Mt11		.21		.11	.18	.01		.14	.16			1.27	.88	.01		.05	.05	.02		.03		3.12

KNOX COUNTY NO. 11

HOLMES COUNTY NO. 12

2 Newkirk, Benjamin J.			.39		.14	.22			.18	.12			.82	.95	.02			.09	.14	.07		.02			3.16	
4 Fraeh, M. E.			.39		NR	NR	NR			NR	NR			.91	.86	.02			.05	.14	.05		.03			
6 Orr, W. A.			.35	.01	.06	.14			.19	.05			1.05	.80	.03			.02	.10	.15		.02			2.97	
13 Barker, Roy R.			.46		.13	.28			.26	.12			1.12	.88	.04			.04	.15	.07		.03			3.58	
17 Lowe, Jacob			.46		.07	.21			.16	.11			.98	.80	.01			.02	.10	.11		.06			3.09	
18 Miller, Jacob S.			.52		.08	.24			.16	.13			1.08	.80	.01			.02	.08	NR		NR	NR			
28 Miller, C. S.			.46		.05	.17			.08	.09			.99	.73	.01			.02	.04	.06		.03			2.73	
29 Shoup, Howard E.			.51	.03	.03	.22			.20	.13			NR	1.01	.74	.02		.03	.08	.15		.03				
34 Donley, Delmar D.			.52	.02	.12	.19			.21	.16			.01	1.26	.81	.02		.02	.10	.06		.04			3.54	
38 Schenell, F. C.			.43		.02	.22			.17	.04			.94	.68	.03			.03	.04	.02		NR				
45 Shedron, Benjamin L.			.43	.05	.13	.18			.15	.20			.01	1.13	.79	.02		.04	.06	.03		.03			3.25	
47 Miller, Oscar			.50		.09	.25			.17	.16			.11	.92	.02			.04	.11	.10		.04			3.54	
51 Hershberger, Dan			.49		.05	.16			.15	.09			.76	.77	.04			.03	.05	.27		NR	NR			
54 Alexander, Paul			.46	.08	.16	.30			.18	.15			1.22	.73	.04			.02	.10	.10		.03			3.57	
58b Nethers, Calvin			.45		.09	.24			.25	.14			1.07	.82	.03			.03	.11	.17		.03			3.43	



MONTHLY SUMMARY OF PRECIPITATION FOR NOVEMBER 1958 BY DAYS ENDING AT 8:00 A.M.

DATE

HOLMES COUNTY NO. 12

61	Kaser, William		.53		.09	.19		.11	.08		.59	.75	.01	.02	.06	.23	.03		2.69
65	Robinson, Willis		NR		.09	.17	.18		.10	.14		1.01	.82	.02	.01	.08	.09	.01	
66	Croskey, Robert		.50		.02	.13	.26		.21	.09		.01	.99	.83	.02	.03	.08	.09	.02
69	Anderson, W. J.		.46		.04	.17		.23	.09		.01	.95	.78	.04	.03	.07	.11	.02	3.28
70	Wagers, Albert		.56		.08	.24		.11	.11		.01	.58	.77	.02	.02	.06	.09	.04	3.00

COSHOCOTON COUNTY NO. 13

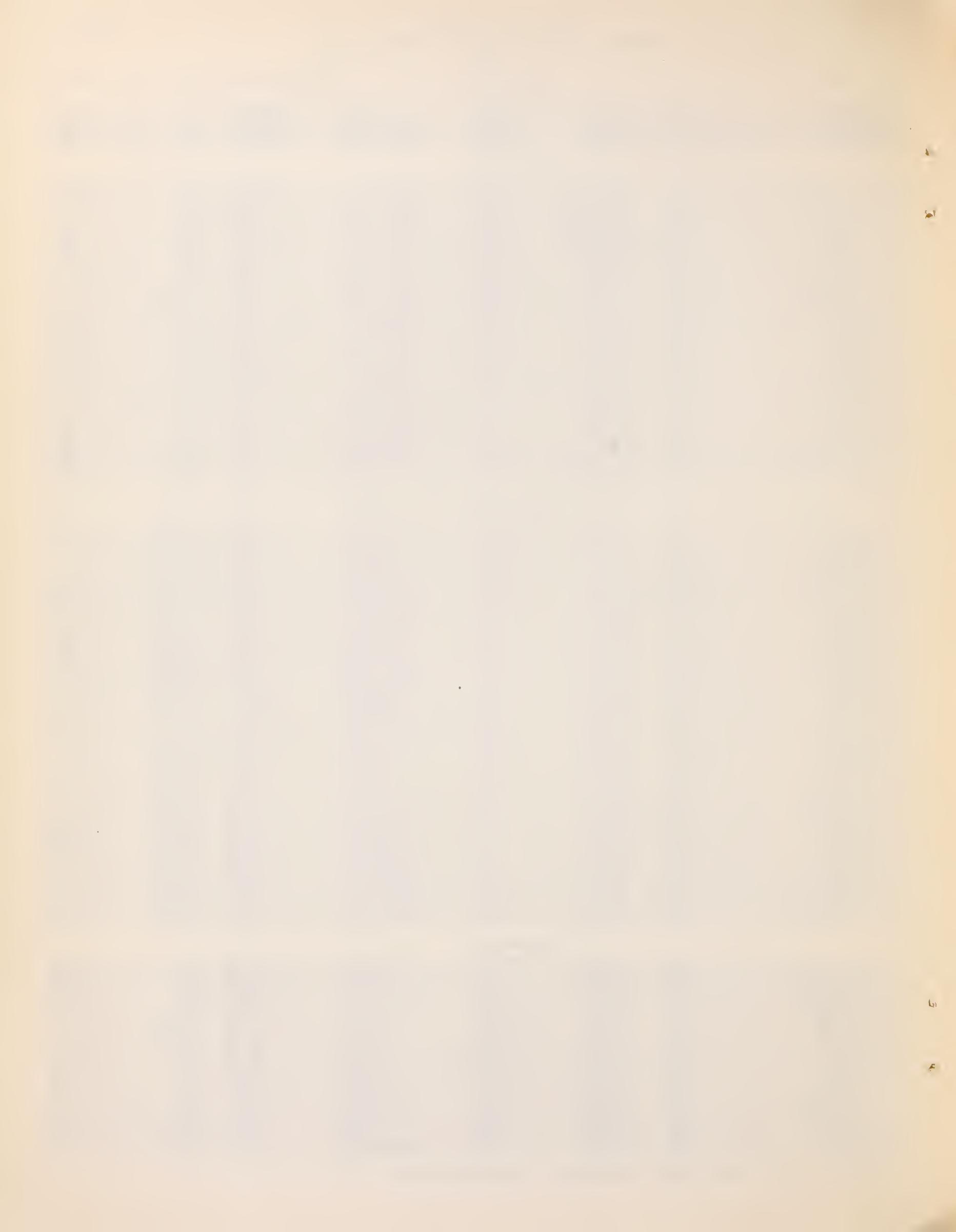
13	Poorman, Gifford L.	.49		.10	.16	.04		.12	.09	.02	.59	.91	.05		.02	.07	.16	.03		2.85	
14	Hamilton, Joseph J.	.52		.09	.17	.05		.10	.13	.02	.62	.86	.03		.02	.05	.16	.03		2.85	
16	Endsley, Lester R.	.56		.07	.18	.02		.13	.06	.02	.79	.70	.03		NR	.10		.01			
17	Reiss, J. L.	.51		.05	.21	.02		.06	.06	.04	.73	.80	.03		.07	.19	NR				
19	Ames, Ross M.	.60		.06	.26	.02		.05	.09	.07	.79	.02			.07	.19	.03				
22	Frye, Effie R.	.48	.03	.12	.23	.01		.11	.12	.01	.54	.87	.01		.02	.06	.17	.02			
23	McClain, Wm. R.	.54	.03	.10	.23	.01		.10	.10	.02	.47	.81	.02		.04	.13	.01				
24	Hart, Orlen	.52		.06	.22	.01		.08	.08	.02	.48	.87	.02		.08	.19	.02				
32	Hothem, Howard	.60		.01	.20			.02	.20		.83	.86	.05		.09	.25		.03		3.14	
35	Giffin, C. O.	.51		.07	.22			.10	.08		.86	.81	.04		.02	NR	NR				
36	Cullison, Norman	.57		.07	.29			.10	.06		.01	.63	.78	.04		.11	.19	.01		2.86	
39	Burch, Mrs. Bessie	.58		.08	.23			.05	.07		.54	.92	.03		.09	.18	.02			2.69	
40	Stingal, E. O.	.65		.05	.26			.02	.19		.01	.40	.98	.03		.08	.17	NR	NR		
51	Williams, G. F.	.61		.06	.25			.06	.16		NR	1.02	.11	NR		.06	.16		.02		
52	Bachman, Andrew	.61		.08	.24			.04	.17		.01	1.06	1.03	.03		.07	.17	.04		3.55	
53	Brown, E. W.	.63		.05	.24			.04	.12		.01	.95	1.14	.04		.07	.16		.02		3.47
56	Troendly, D. C.	.66		.01	.20			.02	.24		.01	.93	.89	.05		.06	.11	.03	.02		2.23
58	Axline, D. D.	.57		.07	.27			.08	.11		.11	.79	.91	.02		.05	.12	.01			3.01
59	Camp, Norman E.	.51		.07	.27			.08	.10		.01	.64	.88	.02		.08	.20	.01			2.87
61	Veigel, Fred	.67		.06	.24			.04	.14		.01	.95	1.01	.02		.03	.06	.03			3.26
63	Shrimplin, Sam	NR		NR	NR			.03	.19		.01	1.29	1.03	.03		.05	.15	NR			
66	Walker, Byron E.	.59		.01	.19				.26		.01	.97	.91	.05		.08	.27	.03			3.37
69	Pigman, Frank	.54		.06	.26			.05	.14		.02	.61	.92	.03		.07	.11	.01			2.82
70	Anderson, Lawrence R.	.45		.07	.26			.09	.12		.04	.78	.92	.02		.07	.11	.01			2.94
76	Royer, Clem A.	.65		.05	.25				.19		.02	.98	.91	.04		NR	NR	NR			
83	Maston, C. W.	NR		.06	.24			NR	NR		.01	1.14	1.05	.03		NR	NR	NR			
85	Senter, Victor	.69		.07	.26				.15		.01	1.10	1.05	.04		.09	.23	.02			3.71
86	Kieran, Albert	.62		.04	.23				.32		.01	.75	.97	.05		.09	.26	.03			3.37
88	Rieger, George	.61		.04	.25				.39		.01	.65	1.02	.07		.07	.25	.02			3.38
Met.		.59		.07	.14	.02		.05	.06		.60	.93	.02		.04	.11	.03			2.66	
C 1	Soil Conservation Service	.53		.05	.19	.02		.05	.06		.01	.59	.74	.02		.06	.19	.03			2.54
C 14	Watershed & Hydrologic	.54		.06	.17	.01		.05	.10		.01	.57	.77	.03		.08	.17	.02			2.58
C 56	Studies	.56		.04	.16	.01		.06	.08		.59	.81	.02		.08	.18	.02			2.61	

TUSCARAWAS COUNTY NO. 14

00	M. C. R. C.—Office		.50		.03	.15		.02	.11		.04	.69	1.04	.04			.07	.14		.03	.01	2.87		
2	Wolfe, R. J.		.41		.02	.21		.12	.13		.05	.63	.63	.03			.05	.13		.03	.01	2.68		
3	Fuhrer, H. B.		.48		NR	.19		.05	.09		.12	.78	.72	.03			NR	NR		NR	NR			
4	Rippel, George H.		.44		.01	.26		.12	.10		.05	.89	.91	.02			.08	.17		NR	NR			
5	Warner, George W.		.43		.01	.21		.12	.08		.05	.83	.70	.04			NR	NR		.02	.01			
6	Lenhart, E. B.		.52		.01	.23		.10	.11		NR	.72	.91	.05			.12	.21		.02				
11	Baker, George W.		.48		.01	.22		.11	.11		.05	.80	.82	.04			.08	.19		.04	.01	2.91		
12	Maurer, Clinton		.49		.02	.20		.12	.12		.05	.69	.76	.07			.08	NR		.03	.01			
17	Strauss, Arthur		.51		.01	.20		.13	.13		.05	.73	.71	.03			.10	.24		.03		2.82		
22	Hamilton, Frank		.47		.01	.18		.01	.25		.01	.63	.87	.06			.11	.28		.02		2.90		
25	Smith, Fred		.46		.01	.17		.08	.03		.01	.74	.85	.06			.08	.17		.05	.02	2.73		
26	Seymore, Vardy		.43		.02	.17		NR	.06		NR	.97	1.00	.07			.09	.19		.03	.01			
27	Haver, Harry V.		.52		.01	.17		.07	.07			1.05	.98	.07			.10	.25		.02	.02	3.33		
28	France, Calvin		.54		.01	.24		.03	.15			.77	1.14	.07			.10	.30		.02	.02	3.39		
30	Trachsel, Henry		.54		.04	.21		.11	.09			.02	.73	.75	.05			.08	.32		.01	.01	2.96	
31	Thomas, Tom		.59		.01	.20		.08	.06			.01	.81	.94	.06			.09	.29		.03	.01	3.18	
32	Engler, Robert		.48		.02	.19		.08	.05			.01	NR	NR	NR			NR	NR		NR	NR		
33	Zurcher, Raymond		.49		.02	.20		.03	.14			.01	.69	1.15	.06			.09	.20		.04	.01	3.13	
34	Francis, Bert		.46		.01	.17		.02	.13			.01	.71	.82	.06			.08	.23		.03	.02	2.75	
37	Walker, Harry		.54		.01	.25		.28				.01	.69	.90	.03			.05	.27		.02	.02	3.07	
38	Mizer, Lester		.59		NR	NR		NR	NR				.82	1.01	.05			NR	NR		NR	NR		
42	Spring, John		.27		.02	.18		.01	.25				.79	.84	.05			.07	NR		.03	.02		
43	Weaver, John L.		.53		.02	.18		.01	.30				.01	.65	.83	.06			.06	.25		.02	.02	2.94
44	Peters, R. V.		.48		.02	.18		.25					.01	.70	.79	.03			.06	.34		.01		2.87
46	Miller, Elmer		.58		.03	.12		.07	.07				.70	.84	.03			.06	NR					
48	Hirsch, Vernon		.67		NR	NR		.05	.20				1.33	1.21	.06			.10	.30		.03	.02		
55	Troandly, Earl		.61		.02	.17		.03	.19				1.30	1.02	NR			NR	NR		NR	NR		
58	Jones, Emmett		.56		.02	.20		.01	.28				.78	.99	.07			.09	.23		.03	.02	3.28	
62	Harmon, Joseph		.58		.01	.22		.35					.71	NR	.07			.06	.24		.04	.02		
63	Wright, Orville		.58		.01	.15		.33					.62	.80	.05			.02	.12		NR	NR		
67	Heck, Lester D.		.56		.01	.22		.01	.32				.57	.90	.07			.07	.26		.04	.01	3.15	
68	Barnes, Lawrence W.		.68		.02	.03	.26	.02	.42				.81	1.05	.05			.08	.22		.03	.01	3.69	
69	Mellor, Harry M.		.74		.02	.04	.30	.41					.01	.72	1.04	.06			.08	.31		NR	NR	
72	Pittson, Lewis		NR		.03	.24		.32					NR	NR	.02			.06	.16		.04	.01		
74	Orr, Thomas		.66		.02	.18		.33					.77	1.05	.05			.07	.23		.03	.01	3.41	
76	Arnold, Homer M.		.58		.02	.03	.21	.29					.01	.61	1.02	.06			.06	.28		.03	.01	3.21
77	Cutshall, Charles		.61		.03	.25		.29					.83	.95	.08			.10	.33		.04	.01	3.52	
78	Cramlet, Ray		.63		.02	.26		.27					.57	1.07	.05			.09	.25		.02	.01	3.34	
86	Taylor, J. Arthur		.62		.05	.19		.30					.01	.85	1.12	.07			.07	.28		NR	NR	
87	Moffitt, John		.70		.05	.33		.28					.01	.74	1.03	.06			.03	.22		.02	.03	3.50
88	Jacoby, Paul J.		.70		.08	.32		.32					.01	.75	1.04	.06			.03	.13		.03	.01	3.48
NP2	Homes Creek Watershed—		.47		.01	.19		.03	.19				.01	NR	NR	NR			.02	.20		.02	.01	
NP3	Index Area—		.48		.01	.14		.03	.19				.01	.80	.79	.06			.01	.22		.04	.01	2.79
NP4	Muskingum Watershed		.50		.01	.16		.03	.19				.02	.78	.83	.05			.02	.20		.02	.01	2.84
NP5	Coneeervancy District		.49		.02	.20		.03	.17				.02	.82	.88	.05			.02	.20		.04	.01	2.95

CARROLL COUNTY NO. 15

2 Wilcoxen, Mrs. Allie Mae	.51	.03	.29		.07	.13		.96	.97	.07		.11	.30	.04		3.48	
3 Winterhalter, George L.	.50	.01	.30		.02	.14		.98	.96	.05		.09	.26	.05		3.36	
6 Hawking, O. V.	.52	.03	.26		.02	.14		.64	.82	.05		.04	.17	.04		2.73	
8 Hurless, Virgil H.	.52	.02	.26		.02	.08		.69	.83	.05		.08	.26	.05		2.86	
11 Nicholls, Mrs. Ollie	.50	.02	.28		.02	.14		.62	.84	.04		.06	.29	.04		2.85	
13 McNutt, Sherman I.	.42	.01	.21		.08	.04		.02	.79	.92	.07		.08	.14	.03		2.81
14 Coffey, Woodrow	.51	.04	.26		.03	.08		.81	.98	.08		.09	.21	.04		3.13	
16 Steele, Norman	.56	.02	.22		.02	.13		.71	.96	.06		.08	.16	NR	NR		
17 Snively, Robert	.53	.01	.21		.01	.15		.63	.89	.05		.06	.14	.04		2.72	
18 Hosack, L. L.	.61	.02	.23		.03	.16		.69	.73	.05		.05	.24	NR	NR		
23 Lunley, Henry	.58	.02	.27		.04	.20		.66	.94	.04		.07	.29	.04		3.15	
24 Breckenridge, Edwin O.	NR	.01	.18		.01	NR		.58	.81	.03		NR	.29	.03			
25 Moyer, Lonnie	.55	.03	.22		.03	.14		.64	.75	.06		.06	.25	.06		2.79	
26 Tack, Victor E.	.64	.02	.24		.01	.16		.66	.79	.06		.07	.35	.06		3.06	
29 King, Rowen R.	.55	.02	.22		.02	.17		.63	.79	.07		.10	.25	.04		2.86	
30 Long, Thomas Jefferson	.44	.01	.13		.01	.15		.67	.87	.03		.07	.21	.04		2.68	
31 Brackin, Samuel H.	.58	.04	.28		.01	.21		.62	.88	.04		.09	.26	.04		3.05	
35 Carroll, Cleo	.56	.02	.21		.01	.22		.67	.83	.04		.05	.34	.03	.01	2.99	
39 Nobla, Charles K.	.64	.02	.20		.01	.23		.58	.86	.06		.07	.27	.04		2.98	
42 Leggett, Paul T.	.55	.01	.19		.01	.19		.59	.86	.06		.05	.09	.04	.01	2.65	
44 Lucas, John	.62	.02	.23		.01	.22		.01	.65	.90	.07		.07	.32	.05	3.17	
45 Slates, Henry	.68	.03	.24		.01	.19		.02	.65	.88	.05		.05	.22	.04	3.06	



MUSKINGUM WATERSHED

MONTHLY SUMMARY OF PRECIPITATION FOR NOVEMBER, 1938 BY DAYS ENDING AT 8:00 A.M.

DATB

6 11 12 13 14
WABERON COUNTY NO. 16

LYKING COUNTY NO. 17

MUSKINGUM COUNTY NO. 18

7 Hogue, Floyd		.63	.08	.23			.48		.74	.97	.04		.06	.12	.03		3.38
12 Baker, Walter J.		.54	.08	.24			.12		1.10	.87	.03		.04	.08	.01		3.11
14 Cullins, H. E.		.80	NR	NR			.41		.97	.96	.06		.05	.07	NR		
16 Freshwater, Harry O.		.66	.05	.29			.64		.82	1.01	.06		.07	.22	.02		3.84
20 Castor, Wilmer		.65	.02	.22			.35		NR	NR	.07		.03	.09	.02		
24 Whyde, Clarence O.		.54	.07	.16			.45		.75	.83	.06		.05	.21	NR		
26 Dayton, Lewis W.		.74	.06	.30			.25		.54	.93	.07		.05	.12	.02		3.08
27 Cornell, John		.67	.05	.23			.28		.60	.92	.08		.07	.34	.02		3.26
30 Blackstone, Reed		.70	.04	.30			.26		.66	.98	.09		.09	.28	.02		3.42
32 Evans, Oliver F.		.51	.08	.24			.43		.84	.98	.05		.07	.25	.02		3.47
35 Patterson, E. C.		.62	.08	.19		.01	.32		.71	.88	.05		.04	.11	.01		3.02
36 Bradley, Tom O.		.66	.04	.19			.28		.51	.81	.05		.04	.07	.02		2.67
43 Johnson, C. H.		.60	.02	.22			.23		NR	NR	NR		.07	.22	.02		
50 Moses, C. F.		.61	NR	.15			.28		.41	.90	.11		.05	.25	.02		
52 Nettelholst, M. A.		.56	.09	.21		.01	.27		.71	.86	.05		.05	.10	.05		2.96
53 Foster, Roy T.		.62	.08	.19			.28		.60	.91	.06		.04	.09	.02		2.89
55 Weidig, Clarence J.		.79	.11	.26			.26		.53	1.05	.08		.09	.20	.02		3.39
58 Hobbs, Don D.		.65	.10	.25			.23		.50	.91	.09		.08	.23	.02		3.06
60 Fusch, D. L.		.71	.05	.21			.22		.36	.88	.09		.06	.17	NR		
65 Neff, Claude C.		.69	.06	.16			.23		.48	.92	.08		.06	.18	.01		2.87
66 Brown, John F.		.67	.03	.22			.34		.47	.91	.09		.05	.24			3.02
67 LaGrange, Oma De Leon		NR	NR	NR			NR	NR	.33	.90	.08		.04	.20			
69 Graham, Joseph C.		.60	NR	NR			.25		.16	.86	.12		.04	.34			
70 Elliott, P. D.		.59	.03	.18			.07		.15	.79	.12		.03	.13			2.09
71 Thompson, Dennis		.58	.07	.23			.23		.42	.84	.08		.08	.24	.01		2.78
72 Lee, William Ray		.60	.07	NR			NR		.36	.87	.08		.05	.21	.01		
73 Lane, J. F.		.67	.08	.25			.35		.32	.92	.07		.05	.35			3.06
75 Pettibons, Howard		.71	.04	.25			.36		.22	.84	.13		.04	.10			2.69
76 Eschman, Mrs. Maggie		.67	.04	.25			.33		.22	.86	.12		.03	.20	.01		2.73
82 Dozer, R. I.		.70	.05	.23			.28		.24	.97	.12		.08	.44			3.11
83 Charnetzky, William		.75	.07	.25			.43		.23	.88	.10		.03	NR	.01		
84 Elson, Carl		.66	.02	.16			.24		.17	.90	.16		.03	.35			2.69
86 Wirland, Arthur M.		.73	.02	.19			.29		.19	.93	.15		.04	.37			2.91
90 Lans, Arthur		.68	.02	.18			.24		.22	.80	.10		.02	NR			
93 Frame, E. M.		.74	.03	.23			.24		.11	1.05	.13		.02	.38			2.93
95 Wilson, Edgar		.69	.01	.25			.20		.10	.96	.13		.02	NR			

GREENE COUNTY NO. 18

2	Booth, F. L.	.64		.03	.23			.29		.81	1.04	.07			.03	.24		.02	.01		3.41
4	Domen, Elgy P.	.67	.05	.03	.24			.31		.82	1.10	.06			.02	NR		.02	.02		3.47
5	Wilson, Elwood C.	.66		.02	.31			.29		.02	.64	.93	.09			.08	.38		.03	.02	3.33
6	George, F. Ray	.71		.05	.26			.28		.02	.70	.92	.07			.04	.26		.01	.01	3.43
7	Davidson, J. B.	.66		.08	.32			.26		.01	.59	.96	.10			.07	.24		.02	.02	3.68
8	Addy, J. A.	.62		.03	.22			.38		.80	1.13	.07			.03	.34		.01			3.54
10	Yeager, Earl	.62		.03	.22			.37		.01	.72	1.00	.09			.09	.37		.02		3.38
15	Patterson, J. W.	.74		.09	.32			.44		.01	.36	.94	.12			.06	.25		.03	.02	3.48
18	Duhomel, John	.64		.04	.20			.34		.80	1.07	.07			.08	.22		.02		3.36	
19	White, Emmett	.62		.03	.24			.33		.80	1.04	.05			.04	.19		.02			
23	Carlisle, Ernest S.	.70		.08	.25			.37		.01	.34	.97	.11			.06	.33		NR		3.24
27	Emler, Robert	.62	.02	.02	.23			.31		.77	.95	.11			.05	.14		.02			3.19
28	Geese, Kenneth	.69	.01	.02	.20			.30		.78	.95	.08			.03	.11		.02			3.06
30	Yarnell, Wilmer Roy	.63		.03	.22			.26		.45	.97	.13			.06	.30		.01			3.32
31	Nelson, Samuel	.71		.03	.20			.32		.01	.50	.97	.10			.06	.41		.01		3.24
36	Bristor, Charles	.74		.05	.27			.25		.18	.97	.19			.05	.54					



MUSKINGUAY WATERSHED

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MONTHLY SUMMARY OF PRECIPITATION FOR NOVEMBER, 1938 BY DAYS ENDING AT 8:00 a.m.

BELMONT COUNTY NO. 20

2 Hammel, Fred M.		.69		.02	.28			.26		.01	.25	1.03	.17			.08	.46		.01			3.26
3 Teechner, John J.									*	.01	.23	.94	.13			NR	NR					
6 Bethel, Durwood		.70		.03	.21			.11		.01	.18	.84	.09			.03	NR		.01			
10 Newhart, Lester R.		.75		.02	.33			.23		.02	.08	1.01	.18			.04	.47		.01			3.24
23 Gallagher, George W.		.88		.02	.30			.25		.21	.92	.18			.02	.62		.01				3.41

FAIRFIELD COUNTY NO. 21

4	Sellers, Walter W.			.57		.18	.29			.34			1.25	.78	.02			.05	.15		.03				3.66
10	Wright, Price C.			.62		.17	.37			.39			.90	.76	.02			.07	.16		.02				3.42

PERRY COUNTY NO. 22

3 Amsbaugh, Irvin E.		.62	.11	.28		.29		.68	.76	.04		.06	NR	.02			
5 Rusk, John S.		.58	.08	.26		.24		.49	.86	.06		.08	.25	.01			2.91
7 Cooperriider, Ira F.		.57	.13	.24		.30		.69	.70	.04		.04	.10	.03			2.94
9 Cotterman, C. F.		.64	.11	.23		.25		.53	.79	.07		.06	.21	.02			2.91
15 Caywood, Augusta		.63	.08	.25		NR		.26	.88	.06		.03	.11	.02			
17 Hammer, Albert J.		.70	.05	.28		.23		.20	.96	.09		.03	.26	.01			2.81
18 Wilson, Manson H.		.78	.04	.24		.27		.23	.84	.12		.04	.23	.02			2.81
23 O'Fare, Fred		.69	.07	.28		.23		.20	.92	.10		.04	.26	.01			2.80
28 Price, E. I.		.65	.02	.24		.21		.16	.96	.10		NR	NR	.03			
29 Starner, Samuel P.		.83	.05	.27		.12		.20	.93	.15		.04	.38	.02			2.99

MORGAN COUNTY NO. 23

4 Wilson, H. C.			.61		.02	.18			.21			.12	.94	.15		.02	.31	NR		
11 James, Norman M.			.69		.02	.23			.36			.17	.97	.15		.02	.28	.01		2.90
19 Davis, Floyd			.73		.02	.19			.24			.12	.97	.20		.03	.33	.01		2.84
36 Brockner, Reed			.73		.03	.20			.10			.10	.98	.12		.02	.20			2.48

NOBLE COUNTY NO. 24

3 Edgar, Dean								*	.87	NR		.01	.63	.01		
5 Morrison, Donald								*	.89	.15		.01	.14	.02		
9 Wehr, John											*	.20		.01		
12 Shafer, McRay	.84		.07	.33		.35		.23	.98	.17		.01	.49	.01		3.48
17 West, Stanley	.82		.07	.27		.27		.18	1.09	.18		.01	.29	.01		3.19
18 Nicholson, Hugh	.83		.05	.28		.33		.20	NR	NR		.01	.20	.01		
23 Hedge, L. E.	.77		.03	.26		.24		.21	1.09	.16		.02	.11	.01		2.90
24 Baker, Ira	.74		.04	.20		.38		.15	1.00	.20		.02	.37	.01		3.11
26 Clark, Mary	.89		.08	.28		.20		.17	.93	.21		.03	.52	.01		3.32
30 McKee, Roscoe	.58		.02	.24		.27		.20	NR	.21		.02	NR	.01		
31 Tilton, Alden D.	.84		.03	.25		.28		.18	.98	.16		.05	.39	.01		3.17
38 Wickham, Irving	.94		.05	.28		.12		.16	.97	.18		.03	.37	.01		3.11
43 Reney, Dean C.	.92		.06	.18		.17		.17	1.10	.17		.01	NR	.01		

MONROE COUNTY NO. 25

3 Brownfield, Sherman E.			.93	.03	.24			.26		.10	.93	.17			NR	NR	.01		
S 1 McGee, Fred			.77	.06	.35			.14		.02	.13	.96	.20		.02	.52	.01		3.18
S 2 Lee, W. W.			.77	.05	.26			.24		.02	.13	1.00	.17		.02	.20	.01		2.87
S 4 Wateon, Raymond			.88	.06	.34			.22		.19	1.00	.16		.01	.20		.02		3.08
S 5 Warner, Charles U.			.82	.06	.30			.39		.31	.98	.17		.01	.39		.01		3.44
S 6 Spence, W. B.			.77	.03	.23			.26		.12	1.04	.14		.13			.01		2.73
S 7 Miller, Roy F.			.88	.03	.30			.40		.17	.97	.16		.30		.01			2.22
S 9 Biedenbach, Paul			.88	.03	.28			.15		.10	1.02	.18		NR	NR	.01			
S10 Young, Mrs. Charles			.90	.04	.18			.18		.15	1.00	.15		NR		.01			
S13 Law, James H.			NR	NR	NR			NR		.12	.96	.16		.02	.42	.01			
S15 Somers, M. D.			.80	.04	.24			.28		.19	.93	.15		.01	.15	.01			2.80
S16 House, J. H.			.86	.07	.31			.28		.13	.88	.15		.02	.50	.01			2.21
S18 Wharton, Howard E.			.88	.03	.29			.15		.07	1.05	.14		NR	NR	NR			
S19 Christman, Lee			.83	.03	.25			.32		.14	.95	.18		.02	.51	.01			3.24

ATHENS COUNTY NO. 26

1 Stroud, C. I. .83 .02 .25 .12 .12 .15 .15 .08 .40 NR

WASHINGTON COUNTY NO. 27

3	Robinson, L. L.			.73		.02	.16			.08		.16	.95	.11		.04	.20				2.45
5	Stutes, A. P.			.90		.05	.22			.02		.14	.14	.15		.05	.41				3.14
7	King, Albra A.			.85		.06	.24			.24		.11	.95	.16		.07	.37				3.06
17	Murdock, J. C.			.87		.05	.20			.14		.12	.10	.14		.05	.20				2.87
18	Green, Melvin R.			.92		.03	.23			.21		.10	.05	.15		.06	.24				2.99
20	Lang, J. E.			.94		.03	.31			.19		.10	.95	.11		.05	.50		NP		
22	Savage, Ben C.			.93		.04	.33			.26		.09	.94	.21		.06	.30		.05		3.21
25	Hollingsworth, W. E.			.84		.05	.22			.18		.10	.11	.17		.09	.40				3.16
31	Rankin, O. B.			.95		.05	.21			.15		.02	.87	.17		.08	.43		.06		3.05

DELAWARE COUNTY NO. 28

1 Lane, George F. .25 .18 .17 .07 .11 1.13 .64 .01 .01 .07 .04 .07 2.75

FRANKLIN COUNTY NO. 29

8 Hasgele, Albert .32 .18 .22 .11 .61 .32 .01 .01 .07 .05 NR

